

Electronic Acknowledgement Receipt

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Application Number:	10781951
International Application Number:	
Confirmation Number:	4445
Title of Invention:	Transmit diversity and spatial spreading for an OFDM-based multi-antenna communication system
First Named Inventor/Applicant Name:	J. Rodney Walton
Customer Number:	23696
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Filer Authorized By:	James Hunt Yancey
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Application Type:	Utility under 35 USC 111(a)

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Payment was successfully received in RAM	\$ 180
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (SB/08)	040235_2010_12_17_IDS_S.pdf	44576 c0bf8c4c4a080995f46a9f79f6071a3f6044	no	4
Warnings:					
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2	Foreign Reference	EP1073214_A1_17.pdf	256916 c905c232108516da0382991dc5131c09c4fdd5c4	no	23
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3	Foreign Reference	EP1185001A2_18.pdf	2703049 c0f8daa19c1b0534b789f07ca24a2678daa48057	no	20
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4	Foreign Reference	JP1999205026_19.pdf	4568738 6ec8bc95a46b3751558ab49ed684070d5b0182	no	17
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5	Foreign Reference	JP2002503048_20.pdf	7360877 c2b46c7fc2bcb0c3a62b599cc07c7b7a276c116	no	53
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6	Foreign Reference	JP2004064654_21.pdf	1799614 a9c0260522ef01073da33c3e41a84a84bc79b509	no	13
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7	Foreign Reference	JP2004072150A_22.pdf	503522 69c6a0249f952a6a02078cf4030543215aa3945	no	32
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9	Foreign Reference	JP2004104790A_24.pdf	646576 d8b5ecbafca6405785384c29f8a03ac1528ee4	no	21
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10	Foreign Reference	JP2005524331A_25.pdf	585058 f9bcbdb1372ddcd9d80bae426a55a5cd5d59749a6a2	no	22
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13	Foreign Reference	JP2007523550A_28.pdf	1301583 f16efcb05de4ff0231a89499381eebd1893ee02f	no	62
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18	Foreign Reference	WO-2003-094386_33.pdf	53406 6734b02b4cd229982bdc6500f1d3870c023856	no	2
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19	Foreign Reference	WO05099211_34.pdf	8320257 2b52b9c286c46825e4b67a1384c497b1e77234b	no	28
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20	NPL Documents	AUER_G_CHANNEL_ESTIMATION_VOL_3_PP_1792_1796_year_2004_35.pdf	1286750 2273c027-08707f7d6-f4b55b7c7cb070b2a6ac67	no	5
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21	NPL Documents	Bauch_et_al_pp_17_24_year_2004_36.pdf	1396523 664b091057642204d6558b2083b1e17eb65b6e61	no	8
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22	NPL Documents	MASOUD_SHARIF_et_al_year_2003_37.pdf	864461 23c0a808c2004ac279a1e9408532bac27218580c	no	5
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23	NPL Documents	WIRELESS_ANTENNAS_FOR_WIRELESS_SYSTEMS_38.pdf	8565054 915aed0479b7327796824dfbdcf548b374cd040	no	113
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24	Fee Worksheet (PTO-875)	fee-info.pdf	30327 7e1d915c08b0a7ebd0ed4e52cf3c03ed3b06d6683	no	2
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.